

LM2931Z-5.0G Information



For Reference Only

Part Number LM2931Z-5.0G
Manufacturer ON Semiconductor
Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear IC REG LINEAR 5V 100MA TO92-3

Description IC REG LINEAR 5V 100MA TO92 **Package** TO-226-3, TO-92-3 (TO-226AA)

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



Request a Quote

Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









LM2931Z-5.0G Specifications

Manufacturer Part Number LM2931Z-5.0G Manufacturer ON Semiconductor Category Integrated Circuits (ICs) Package TO-226-3, TO-92-3 (TO-226AA) Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 40V Voltage - Output (Min/Fixed) 5V Voltage - Output (Max) - Voltage Dropout (Max) 0.6V @ 100mA Current - Output 100mA Current - Supply (Max) - PSRR 90dB (120Hz) Control Features - Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Through Hole Package / Case TO-226-3, TO-92-3 (TO-226AA) Supplier Device Package TO-92-3	•	
Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package TO-226-3, TO-92-3 (TO-226AA) Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 40V Voltage - Output (Min/Fixed) 5V Voltage - Output (Max) - Voltage Dropout (Max) 0.6V @ 100mA Current - Output 100mA Current - Quiescent (Iq) - Current - Supply (Max) - PSRR 90dB (120Hz) Control Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Through Hole Package / Case TO-226-3, TO-92-3 (TO-226AA) Supplier Device Package TO-92-3	Manufacturer Part Number	LM2931Z-5.0G
PMIC - Voltage Regulators - Linear Package TO-226-3, TO-92-3 (TO-226AA) Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 40V Voltage - Output (Min/Fixed) 5V Voltage - Output (Max) - Voltage Dropout (Max) 0.6V @ 100mA Current - Output 100mA Current - Quiescent (Iq) - Current - Supply (Max) - PSRR 90dB (120Hz) Control Features - Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Through Hole Package / Case TO-226-3, TO-92-3 (TO-226AA) Supplier Device Package TO-92-3	Manufacturer	ON Semiconductor
Package TO-226-3, TO-92-3 (TO-226AA) Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 40V Voltage - Output (Min/Fixed) 5V Voltage - Output (Max) - Voltage Dropout (Max) 0.6V @ 100mA Current - Output 100mA Current - Quiescent (Iq) - Current - Supply (Max) - PSRR 90dB (120Hz) Control Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Through Hole Package / Case TO-226-3, TO-92-3 (TO-226AA) Supplier Device Package TO-92-3	Category	Integrated Circuits (ICs)
Series - Coutput Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 40V Voltage - Output (Min/Fixed) 5V Voltage - Output (Max) - Coutput (Max) 100mA Current - Output (Max) 100mA Current - Quiescent (Iq) - Current - Supply (Max) - PSRR 90dB (120Hz) Control Features Over Current, Over Temperature Operating Temperature 40°C ~ 125°C Mounting Type Through Hole Package / Case TO-92-3 Supplier Device Package Fixed 10 Over Current, Over Temperature Operating To-92-3 TO-92-3 TO-92-3		PMIC - Voltage Regulators - Linear
Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)40VVoltage - Output (Min/Fixed)5VVoltage - Output (Max)-Voltage Dropout (Max)0.6V @ 100mACurrent - Output100mACurrent - Quiescent (Iq)-Current - Supply (Max)-PSRR90dB (120Hz)Control Features-Operating Temperature-40°C ~ 125°CMounting TypeThrough HolePackage / CaseTO-22-3, TO-92-3 (TO-226AA)Supplier Device PackageTO-92-3	Package	TO-226-3, TO-92-3 (TO-226AA)
Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 40V Voltage - Output (Min/Fixed) 5V Voltage - Output (Max) - Voltage Dropout (Max) 0.6V @ 100mA Current - Output 100mA Current - Quiescent (Iq) - Current - Supply (Max) - PSRR 90dB (120Hz) Control Features - Protection Features Over Current, Over Temperature Operating Temperature 40°C ~ 125°C Mounting Type Through Hole Package / Case TO-226-3, TO-92-3 (TO-226AA) Supplier Device Package	Series	-
Number of Regulators Voltage - Input (Max) Voltage - Output (Min/Fixed) Voltage - Output (Max) Voltage Dropout (Max) Voltage Dropout (Max) Current - Output 100mA Current - Quiescent (Iq) Current - Supply (Max) - PSRR 90dB (120Hz) Control Features Protection Features Over Current, Over Temperature Operating Temperature 40°C ~ 125°C Mounting Type Through Hole Package / Case TO-226-3, TO-92-3 (TO-226AA) Supplier Device Package	Output Configuration	Positive
Voltage - Input (Max) Voltage - Output (Min/Fixed) Voltage - Output (Max) Voltage - Output (Max) - Voltage Dropout (Max) Current - Output 100mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR 90dB (120Hz) Control Features - Protection Features Operating Temperature Operating Temperature 40°C ~ 125°C Mounting Type Through Hole Package / Case TO-226-3, TO-92-3 (TO-226AA) Supplier Device Package	Output Type	Fixed
Voltage - Output (Min/Fixed) Voltage - Output (Max) - Voltage Dropout (Max) 0.6V @ 100mA Current - Output 100mA Current - Quiescent (Iq) - Current - Supply (Max) - PSRR 90dB (120Hz) Control Features - Protection Features Over Current, Over Temperature Operating Temperature 40°C ~ 125°C Mounting Type Through Hole Package / Case TO-226-3, TO-92-3 (TO-226AA) Supplier Device Package TO-92-3	Number of Regulators	1
Voltage - Output (Max) Voltage Dropout (Max) Current - Output 100mA Current - Quiescent (Iq) - Current - Supply (Max) - PSRR 90dB (120Hz) Control Features - Protection Features Operating Temperature Operating Type Through Hole Package / Case TO-226-3, TO-92-3 (TO-226AA) Supplier Device Package	Voltage - Input (Max)	40V
Voltage Dropout (Max) Current - Output 100mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR 90dB (120Hz) Control Features - Protection Features Operating Temperature Operating Type Through Hole Package / Case TO-226-3, TO-92-3 TO-92-3	Voltage - Output (Min/Fixed)	5V
Current - Output Current - Quiescent (Iq) - Current - Supply (Max) PSRR 90dB (120Hz) Control Features - Protection Features Operating Temperature Mounting Type Through Hole Package / Case TO-226-3, TO-92-3 (TO-226AA) Supplier Device Package	Voltage - Output (Max)	-
Current - Quiescent (Iq) Current - Supply (Max) PSRR 90dB (120Hz) Control Features - Protection Features Operating Temperature -40°C ~ 125°C Mounting Type Through Hole Package / Case TO-226-3, TO-92-3 (TO-226AA) Supplier Device Package	Voltage Dropout (Max)	0.6V @ 100mA
Current - Supply (Max) PSRR 90dB (120Hz) Control Features Protection Features Over Current, Over Temperature -40°C ~ 125°C Mounting Type Through Hole Package / Case TO-226-3, TO-92-3 (TO-226AA) Supplier Device Package	Current - Output	100mA
PSRR 90dB (120Hz) Control Features - Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Through Hole Package / Case TO-226-3, TO-92-3 (TO-226AA) Supplier Device Package TO-92-3	Current - Quiescent (Iq)	-
Control Features - Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Through Hole Package / Case TO-226-3, TO-92-3 (TO-226AA) Supplier Device Package TO-92-3	Current - Supply (Max)	-
Protection Features Operating Temperature -40°C ~ 125°C Mounting Type Through Hole Package / Case TO-226-3, TO-92-3 (TO-226AA) Supplier Device Package TO-92-3	PSRR	90dB (120Hz)
Operating Temperature -40°C ~ 125°C Mounting Type Through Hole Package / Case TO-226-3, TO-92-3 (TO-226AA) Supplier Device Package TO-92-3	Control Features	-
Mounting Type Through Hole Package / Case TO-226-3, TO-92-3 (TO-226AA) Supplier Device Package TO-92-3	Protection Features	Over Current, Over Temperature
Package / Case TO-226-3, TO-92-3 (TO-226AA) Supplier Device Package TO-92-3	Operating Temperature	-40°C ~ 125°C
Supplier Device Package TO-92-3	Mounting Type	Through Hole
	Package / Case	TO-226-3, TO-92-3 (TO-226AA)
Report errors?	Supplier Device Package	TO-92-3
		Report errors?

LM2931Z-5.0G Guarantees



Quality Guarantees

We provide 90 days warranty. *

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

LM2931Z-5.0G Payment Methods



















LM2931Z-5.0G Shipping Methods













If you have any question about LM2931Z-5.0G, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com